

Converting Colors

CIELCh(67, 33.708, 105.453)

Have a look what the booklet for
CIELCh(67, 33.708, 105.453)
contains.

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Color

CIELCh(67, 33.537, 105.185)

Conversions

Conversions Part 1

Format	Color
Hex	A8A668
RGB	168, 166, 104
RGB Percent	66%, 65%, 41%
CMY	0.3409, 0.3487, 0.5919
CMYK	0.00, 0.01, 0.38, 0.34
HSL	58°, 27%, 53%
HSV	58°, 38%, 66%
XYZ	32.3153, 36.6320, 18.4822
YIQ	159.5300, 21.0940, -18.8580

Conversions

Conversions Part 2

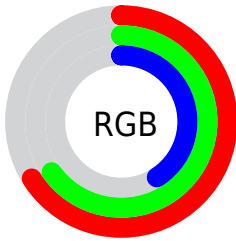
Format	Color
RYB	106, 168, 104
Decimal	11052648
CIELab	67.00, -8.78, 32.37
CIELCh	67, 33.537, 105.185
Yxy	36.6320, 0.3696, 0.4190
Android (android.graphics.Color)	4289242728 (0xFFA8A668)
YUV	159.5300, -27.3763, 7.4282
Hunter-Lab	60.5244, -10.6126, 24.2618

Details

The CIELCh color $67, 33.537, 105.185$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 36.683, 293.930$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 33.544, 105.293$, and $47, 33.607, 104.720$ is the 20% darker color. If you saturate the color by 10%, you get $67, 41.866, 104.245$, and if you desaturate by 10%, it is $67, 24.904, 106.161$.

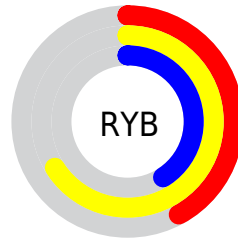
Distribution



Red (66%)

Green (65%)

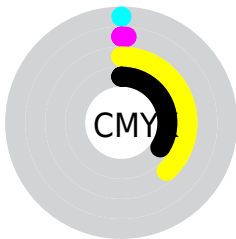
Blue (41%)



Red (42%)

Yellow (66%)

Blue (41%)

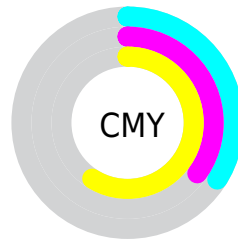


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (34%)



Cyan (34%)


Magenta (35%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 33.537, 105.185 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 67, 33.537, 105.185 by changing the saturation by 10% instead.


 67, 33.537,
105.185


 67, 33.537,
105.185


 100, 33.537,
105.185


 57, 33.537,
105.185


 87, 33.537,
105.185

 47, 33.537,
105.185

 97, 33.537,
105.185

 37, 33.537,
105.185

 27, 33.537,
105.185

 17, 33.537,
105.185

 7, 33.537, 105.185

 0, 33.537, 105.185

67, 33.537,
105.185

67, 33.537,
105.185

67, 41.866,
104.245

67, 24.904,
106.161

66, 49.681,
103.357

68, 16.098,
107.144

66, 56.680,
102.554

68, 7.205, 108.119

66, 62.457,
101.868

69, 1.722, 289.131

66, 66.573,
101.329

70, 10.648,
290.037

65, 68.922,
100.936

70, 19.548,
290.940

65, 69.318,
100.866

71, 28.408,
291.807

72, 37.216,
292.635

■ 73, 45.782,
293.400

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67, 33.537, 105.185



47, 36.683, 293.930

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 33.537, 105.185



67, 33.537, 155.185



67, 33.537, 285.185



67, 33.537, 335.185

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67, 33.538, 105.188



87, 12.176, 107.817



51, 27.686, 20.433



46, 8.168, 107.692



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 33.538, 105.188



85, 49.819, 104.360



65, 36.829, 126.107



35, 5.051, 108.003



58, 63.118, 100.887



6, 9.139, 108.371

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 36.683, 293.930



55, 56.028, 295.558



49, 39.027, 309.856



33, 5.154, 289.875



17, 87.574, 305.796



1, 9.301, 289.090

Previews

White Background



This preview shows how the CIELCh color 67, 33.537, 105.185 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 33.537, 105.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

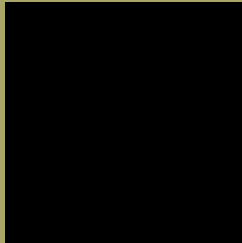
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 33.537, 105.185

Background



This preview shows how black text looks on a background with the CIELCh color 67, 33.537, 105.185.



This preview shows how white text looks on a background with the CIELCh color 67, 33.537, 105.185.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
67, 33.537, 105.185

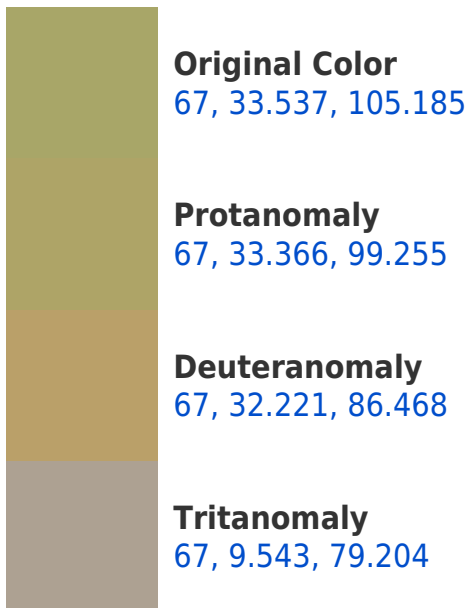
Protanopia
67, 33.261, 95.475

Deuteranopia
67, 32.871, 75.164

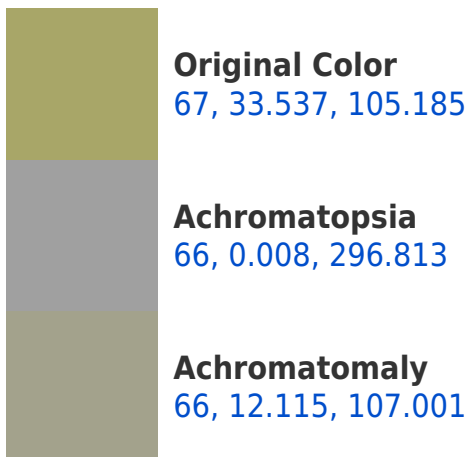


Tritanopia
67, 9.544, 336.346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 33.537, 105.185 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 166, 104)` looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 166, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 33.537, 105.185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 166, 104) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 166, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(168, 166, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 104);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 33.537, 105.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
166, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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